



Express Mail No. EV 622 502 907 US  
Docket No. 2119-4280

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Muller et al. Confirmation No. 2297  
Serial No.: 10/692,367 Group Art Unit: 1638  
Filed: October 22, 2003 Examiner: Medina Ahmed Ibrahim  
For: Novel Compositions with Chitinase Activity

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

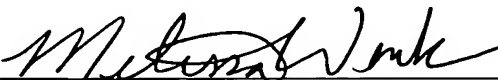
Sir:

Pursuant to Rule 56, applicant hereby calls the attention of the Patent Office to the references listed on the attached Form PTO 1449.

A copy of each of these references:

- ☒ is attached (i.e., U.S. Patents, Foreign Patents, Other Documents)  
☐ was filed in related application U.S. Serial No(s) , filed , respectively.  
☐ is not required since the application was filed on or after June 30, 2003, and the disclosed references are U.S. Patents or Publications. see MPEP, 8th Edition, Revision No. 2, May 2004, Section 609, Part III A(2)(A).  
☐ This document is being filed within three (3) months of the filing date of the application  
☐ A check for the requisite fee of \$180 is enclosed.  
☐ This document is being concurrently filed with an Request for Continued Examination (RCE)  
☒ This document is accompanied by a Search Report/Communication cited in a corresponding PCT or foreign counterpart application.  
☒ The Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 13-4500, Order No. 2119-4280. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,  
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**27123**  
↑CUSTOMER NUMBER↑



<b>FORM PTO-1449</b> <b>INFORMATION DISCLOSURE CITATION</b>	Attorney Docket: 2119-4280	Serial No.: 10/692,367
	Applicant: Muller et al.	
	Filing Date: October 22, 2003	Group Art Unit: 1638

**U.S. PATENT DOCUMENTS**

Examiner Initial	Patent Number	Publication Date	Name	Class	Sub-Class	Filing Date

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Patent Number	Publication Date	Country	Class	Sub-Class	Translation
	WO 00/56908	September 28, 2000	PCT			<input type="checkbox"/> Yes <input type="checkbox"/> No
						<input type="checkbox"/> Yes <input type="checkbox"/> No
						<input type="checkbox"/> Yes <input type="checkbox"/> No
						<input type="checkbox"/> Yes <input type="checkbox"/> No
						<input type="checkbox"/> Yes <input type="checkbox"/> No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, etc.)**

	Cronin et al., 1997, "Inhibition of egg hatch of the potato cyst nematode <i>Globodera rostochiensis</i> by chitinase-producing bacteria" <i>Europ. J. Plant Pathol.</i> 103:433-440.
	Graham and Sticklen, 1994, "Plant chitinases" <i>Can. J. Bot.</i> 72:1057-1083.
	Huynh et al., 1992, "Antifungal proteins from plants" <i>J. Biol. Chem.</i> 267:6635-6640.
	Itoh et al., 2003, "Family 19 chitinase of <i>Streptomyces griseus</i> HUT6037 increases plant resistance to the fungal disease" <i>Biosci. Biotechnol. Biochem.</i> 67:847-855.
	Miller and Sands, 1977, "Effects of hydrolytic enzymes on plant-parasitic nematodes" <i>J. Nematology</i> 9:192-197.
	Suarez et al., 2001, "Substrate specificity and antifungal activity of recombinant tobacco class I chitinases" <i>Plant Molec. Biol.</i> 45:609-618.

Examiner	Date Considered
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	